

WHAT IS CLAIMED IS:

1           1. A notification system for communicating between a  
2 sender cellular phone and a receiver cellular phone  
3 comprising:  
4           a system configuration for allowing said sender  
5 cellular phone to transmit an ON state indication signal  
6 indicating to switch ON a main power source of said receiver  
7 cellular phone through a radio wave to said receiver cellular  
8 phone being in an OFF state,  
9           such that said main power source of said receiver  
10 cellular phone is remotely turned ON.

1           2. The notification system according to claim 1,  
2 wherein after said receiver cellular phone becomes in said ON  
3 state, said receiver cellular phone is notified that a call  
4 is received.

1           3. A notification system for communicating between a  
2 sender cellular phone and a receiver cellular phone  
3 comprising:  
4           a base station controlling device for receiving  
5 receiver information concerning said receiver cellular phone  
6 which main power source is in an OFF state, and for  
7 controlling at least one base station covering an area  
8 indicated in said receiver information; and  
9           a base station for sending said receiver information,  
10           wherein:  
11           said base station comprises a sub-system configuration

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12 for sending power-ON information based on said receiver  
13 information received from said base station controlling  
14 device; and  
15 said receiver cellular phone comprises a device  
16 configuration for receiving said power-ON information from  
17 said base station even if said main power source is in said  
18 OFF state.

1 4. The notification system according to claim 3,  
2 wherein said receiver information includes at least one of a  
3 receiver cellular phone telephone number, a password to  
4 access said receiver cellular phone, and area information  
5 indicating an area where said receiver cellular phone is  
6 predicted to be.

1 5. The notification system according to claim 3,  
2 further comprising a location information system for sending  
3 said receiver information, a signal for switching said  
4 receiver cellular phone to be in said ON state by  
5 incorporating into a Global Positioning Satellite signal.

1 6. A method for communicating between a sender  
2 cellular phone and a receiver cellular phone comprising a  
3 step of:

4 (a) allowing said sender cellular phone to transmit an  
5 ON state indication signal indicating to switch ON a main  
6 power source of said receiver cellular phone through a radio  
7 wave to said receiver cellular phone being in an OFF state,  
8 such that said main power source of said receiver

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9 cellular phone is remotely turned ON.

1           7. The method according to claim 6, wherein after said  
2 step (a) confirms that said main power source of said  
3 receiver cellular phone to be notified is in said OFF state,  
4 said step (a) allows said sender cellular phone to transmit  
5 said ON state indication signal indicating to switch ON said  
6 main power source of said receiver cellular phone through  
7 said radio wave to said receiver cellular phone being in said  
8 OFF state,

9           such that said main power source of said receiver  
10 cellular phone is remotely turned ON.

1           8. The method according to claim 5, wherein after said  
2 receiver cellular phone becomes in said ON state, said  
3 receiver cellular phone is notified that a call is received.

1           9. A cellular phone comprising a device configuration  
2 for receiving a signal for switching to be in an ON state  
3 from a base station and being capable of switching a main  
4 power source to be in said ON state even if said main power  
5 source is in an OFF state.

1           10. The cellular phone according to claim 9, further  
2 comprising:

3           a synchronization establishing circuit for establishing  
4 synchronization with at least said base station even if said  
5 main power source is in said OFF state;

6           a main power source ON information detecting section

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7 for extracting main power source ON information from a radio  
8 wave transmitted from said base station; and  
9 a power source section for supplying electric power to  
10 said main power source ON information detecting section and  
11 said location information detecting section to be kept in an  
12 ON-state, even if said main power source is in said OFF state,  
13 and for turning ON said power source when said main power  
14 source ON information is input from said main power source ON  
15 information detecting section.

1 11. The cellular phone according to claim 9, further  
2 comprising:  
3 a location information detecting section for detecting  
4 location information and main power source ON information  
5 from a Global Positioning Satellite signal;  
6 a main power source ON information detecting section  
7 for detecting said main power source ON information from said  
8 Global Positioning Satellite signal; and  
9 a power source section for supplying electric power to  
10 said main power source ON information detecting section and  
11 said location information detecting section to be kept in an  
12 ON-state, even if said main power source is in said OFF state,  
13 and for turning ON said power source when said main power  
14 source ON information is input from said main power source ON  
15 information detecting section.

1 12. The cellular phone according to claim 9, wherein  
2 said cellular phone is used as a receiver cellular phone in a  
3 notification system for communicating between a sender

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4 cellular phone and said receiver cellular phone,  
5 wherein said notification system comprises:  
6 a system configuration for allowing said sender  
7 cellular phone to transmit an ON state indication signal  
8 indicating to switch ON a main power source of said receiver  
9 cellular phone through a radio wave to said receiver cellular  
10 phone being in an OFF state,  
11 such that a main power source of said receiver cellular  
12 phone is remotely turned ON.

1 13. The cellular phone according to claim 12, wherein  
2 said cellular phone is used as a receiver cellular phone in a  
3 notification system for communicating between a sender  
4 cellular phone and said receiver cellular phone,  
5 with a system configuration for allowing said sender  
6 cellular phone to transmit said ON state indication signal  
7 indicating to switch said main power source to be in said ON  
8 state through a radio wave to said receiver cellular phone  
9 being in said OFF state;  
10 wherein said notification system comprises:  
11 a base station controlling device for receiving  
12 receiver information concerning said receiver cellular phone  
13 which said main power source is in said OFF state, and for  
14 controlling at least one base station covering an area  
15 indicated in said receiver information;  
16 a base station for sending said receiver information;  
17 and  
18 a location information system for sending said receiver  
19 information, a signal for switching said receiver cellular

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20 phone to be in said ON state by carrying on a Global  
21 Positioning Satellite signal,  
22 wherein:  
23 said base station comprises a sub-system configuration  
24 for sending power-ON information based on said receiver  
25 information received from said base station controlling  
26 device; and  
27 said receiver cellular phone comprises a device  
28 configuration for receiving said power-ON information from  
29 said base station even if said main power source is in said  
30 OFF state.

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